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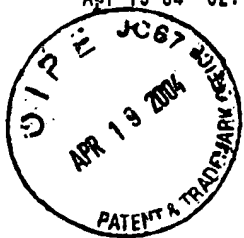
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Biliang Zhang et al.  
Serial No. : 10/698,932  
Filed : November 3, 2003  
Title : CHEMICAL ENCODING TECHNOLOGY FOR COMBINATORIAL  
SYNTHESIS

Art Unit : 1645  
Examiner : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE AND ELECTION OF  
ASSIGNEE TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTORS

The undersigned, as authorized representative of the assignee of the entire right, title and interest in the above-identified application, hereby appoints:

J. PETER FASSE, Reg. No. 32,983

JANICE L. KUGLER, Reg. No. 50,429

TODD E. GARCIA, Reg. No. 54,112

MARCOS P. RIVAS, Reg. No. 54,401

TIMOTHY A. FRENCH, Reg. No. 30,175

JOHN W. FREEMAN, Reg. No. 29,066

as its attorney to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR §3.71 *et seq.* of the Patent Office Rules of Practice.

Ownership is in the assignee by virtue of an assignment, a copy of which is attached, and the original of which was filed with the U.S. Patent & Trademark Office on March 23, 2004.

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

April 16, 2004  
Date of Deposit

Signature

Mary J. Zynda  
Typed or Printed Name of Person Signing Certificate

Applicant : Biliang Zhang et al.  
Serial No. : 10/698,932  
Filed : November 3, 2003  
Page : 2 of 2

Attorney's Docket No.: 07917-228001 / UMMC 03-29

The documents evidencing ownership have been reviewed and to the best of the assignee's knowledge and belief, title is in the assignee.

Please direct all communications regarding the application to the attorney at the address and telephone numbers indicated below.

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MARCH 29, 2004

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RECORDATION DATE: 03/23/2004

REEL/FRAME: 014454/0141  
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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ZHANG, BILIANG

DOC DATE: 01/08/2004

ASSIGNOR:  
CUI, ZHIYONG

DOC DATE: 01/07/2004

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SERIAL NUMBER: 10698932  
PATENT NUMBER:

FILING DATE: 11/03/2003  
ISSUE DATE:

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JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
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Attorney Docket No.: 07917-228001  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): <b>Billang Zhang and Zhiyong Cui</b> Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): <b>University of Massachusetts One Beacon Street, 26th Floor Boston, Massachusetts 02108 United States of America</b>  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: 01/08/2004 (Zhang); 01/07/2004 (Cui)	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): <b>10/698,932</b> B: Patent No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed:  <b>Fish &amp; Richardson P.C. 225 Franklin Street Boston, MA 02110-2804</b>	6. Total number of applications/patents involved: 1  7. Total fee (37 CFR \$3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account.  8. Deposit Account No.: 06-1050  Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050, referencing Attorney Docket No. 07917-228001.
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9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>	
J. Peter Fasse Reg. No. 32,983 Name of Person Signing	 Signature  Date <u>3/23/04</u>
Total number of pages including coversheet, attachments and document: 4	

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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

3/23/04 Date of Transmission  
  
Signature  
Heather Mariacher  
Typed Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, BILIANG ZHANG of Shrewsbury, Massachusetts, and ZHIYONG CUI of Worcester, MA, hereby assign to the University of Massachusetts, a corporation of Massachusetts having a place of business at One Beacon Street, 26th Floor, Boston, Massachusetts 02108, United States of America; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled CHEMICAL ENCODING TECHNOLOGY FOR COMBINATORIAL SYNTHESIS, filed November 3, 2003, and assigned U.S. Serial Number 10/698,932; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Worcester County Massachusetts  
[COUNTY, STATE]

this 8<sup>th</sup> day of January, 2004

Biliang Zhang L.S.  
BILIANG ZHANG

State of Massachusetts :

: ss.

County of Worcester :

Before me this 8<sup>th</sup> day of January, 2004, personally  
appeared BILIANG ZHANG known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

**EVELYN VIGNOLA**  
Notary Public  
My Commission Expires May 21, 2010

[Notary's Seal Here]

Evelyn Vignola  
Notary Public  
My Commission Expires: May 21 2010



IN WITNESS WHEREOF, I hereto set my hand and seal at Worcester Massachusetts

this 7th day of January, 2004

Zhiyong Cui L.S.  
ZHIYONG CUI

State of Massachusetts  
County of Worcester : ss.

Before me this 7th day of January, 2004, personally appeared ZHIYONG CUI known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Eleanor E. Boss  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

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ELEANOR E. BOSS  
COMMISSION EXPIRES  
JANUARY 22, 2004